

## Huasna Valley Groundwater Basin

- Groundwater Basin Number: 3-45
- County: San Luis Obispo
- Surface Area: 4,700 acres (7.3 square miles)

### Basin Boundaries and Hydrology

Huasna Valley Groundwater Basin underlies valleys drained by two branches of Huasna Creek in southern San Luis Obispo County. The basin is bounded by Miocene age marine rocks and the valleys are drained by Huasna Creek to Twitchell Reservoir (Jennings 1958). Precipitation ranges from 16 to 20 inches per year.

### Hydrogeologic Information

#### ***Water Bearing Formations***

The principal water bearing unit is Quaternary age alluvium.

#### ***Restrictive Structures***

No information is available.

#### ***Recharge Areas***

No information is available.

#### ***Groundwater Level Trends***

No information is available.

#### ***Groundwater Storage***

**Groundwater Storage Capacity.** No information is available.

**Groundwater in Storage.** No information is available.

#### ***Groundwater Budget (Type C)***

No information is available.

#### ***Groundwater Quality***

**Characterization.** No information is available.

**Impairments.** No information is available.

### Well Production characteristics

| Well yields (gal/min) |        |          |
|-----------------------|--------|----------|
| Municipal/Irrigation  | Range: | Average: |
| Total depths (ft)     |        |          |
| Domestic              | Range: | Average: |
| Municipal/Irrigation  | Range: | Average: |

## Active Monitoring Data

| Agency  | Parameter                      | Number of wells<br>/measurement frequency |
|---|--------------------------------|---|
|   | Groundwater levels             |   |
|   | Miscellaneous<br>water quality |   |
| Department of<br>Health Services and<br>cooperators | Title 22 water<br>quality      |   |

## Basin Management

Groundwater management:

Water agencies

Public

San Luis Obispo County -  
Department of Public Works

Private

## References Cited

Jennings, C.W. 1958. Geologic Map of California; San Luis Obispo Sheet. Olaf P. Jenkins edition. Scale 1:250,000.

Additional References

California Department of Water Resources (DWR). 1958. *San Luis Obispo County Investigation*. Bulletin 18. 288 p.

\_\_\_\_\_. Southern District. 1986. *San Luis Obispo County Master Water Plan Update*.

Graham, D. H. 1938. *Geology and Petroleum Possibilities of a Part of the Huasna District, San Luis Obispo County, California*.

Society of Economic Paleontologists and Mineralogists. 1956. *Huasna Basin, San Luis Obispo County, California*.

Surdarm, R. C. 1984. *A Guidebook to the Stratigraphic, Tectonic, Thermal, and Diagenetic Histories of the Monterey Formation, Pismo and Huasna Basin, California*. Tulsa, Oklahoma: Society of Economic Paleontologists and Mineralogists. 94 p.

Energy Resources Company, Inc. and M.R. Enterprises. 1979. *Lorena of California, Inc. Meridian Anticline Oil Test Well Project, Huasna Valley Area: Draft Environmental Impact Report*. La Jolla, CA.

San Luis Obispo County Department of Planning and Building. 1978. *Land Use Element, Circulation Element, San Luis Obispo County General Plan : Huasna/Lopez planning Area*. San Luis Obispo, CA.

United States District Court. 19---. *Map of "Huasna," San Luis Obispo County, California*. Scale [ca. 1:14,800], 1 map.

## Errata

Changes made to the basin description will be noted here.